

15-inch industrial Panel-PC with multi-touch function NuTAM-815CP



- 15" TFT-LCD, 1024 x 768 pixels
- projected capacitive touch
- Processor: Intel N97 processor Quad Core 2.0 GHz, Intel Atom x7425E Quad Core 1.5 GHz
- Fanless cooling system
- Reading angle horizontal 170°, vertical 170°

<https://www.wachendorff-prozesstechnik.de/en/nutam-815cp>

Description

The NuTAM-8C series from Apex is available with Intel N97 (Quad-Core 2.0 GHz) or Intel Atom x7425E (Quad-Core 1.5 GHz) processors and features a robust, fanless design with IP66/IP69K-certified stainless steel housing (SUS304). Available in display sizes of 15", 17" and 21.5", this series offers a high brightness of up to 1,000 cd/m² and a wide operating temperature range, depending on the display size. The devices have a projected capacitive multi-touch surface that enables precise operation. Thanks to the support for DDR5-4800 MHz SO-DIMM memory up to 32 GB and the integration of M.2 slots for SSDs, Wi-Fi/BT modules and LTE/5G connectivity, the NuTAM-8C Panel PCs are flexible and future-proof. The series is designed for demanding industrial environments and is ideal for factory automation, transportation, energy supply, healthcare and outdoor applications where reliability, performance and durability are crucial.

Product details

Power supply:	9 VDC to 36 VDC
Power consumption:	43,96W
Display:	15" TFT LCD
Resolution:	Standard: 1024 x 768 pixels Optional High Brightness: 1024 x 768 pixels
Aspect ratio:	4:3
Brightness:	Standard: 350 cd/m² Optional High Brightness: 1000 cd/m²
Backlight:	Standard: 30,000 h Optional High Brightness: 70,000 h
Colors:	Standard: 16.2 M Optional High Brightness: 16.7 M
Reading angle:	Standard: H: 170° / V: 170° Optional High Brightness: H: 178° / V: 178°
Touch screen:	Projected capacitive touch
Processor:	Intel N97 processor, quad-core 2.0 GHz, 12 W Intel Atom x7425E, quad-core 1.5 GHz, 12 W
RAM:	1 x DDR5-4800 MHz SO-DIMM, up to 32 GB
SSD/HDD:	1x M.2 2280 M-Key slot (SATA 3.0 and PCIe 3.0 x1), standard as SATA type 1x 2.5" SATA3 SSD, optional

Interfaces:	USB: 1 x M12 8-pin for 2 x USB 2.0, with waterproof protective cap and retaining strap Serial: 1 x M12 8-pin for COM, RS-232/422/485 (standard: RS-232), with waterproof protective cap and retaining strap Ethernet: 1 x M12 8-pin for 2.5GbE-LAN, with waterproof protective cap and retaining strap Power supply: 1 x M12 3-pin Other: 1 x touch on/off button on the side
Extensions:	Optional I/O ports : 2 x M12 blind connectors for options (choose from the following): 2 x USB 2.0 1 x USB 3.2 Gen1 1 x 2.5GbE-LAN 1 x COM-Ports 1 x HDMI Expansion slots: 1 x M.2 2230 E-Key (PCIe x1, USB 2.0) for optional Wi-Fi/BT module 1 x M.2 2242/3402/3052 B-Key (PCIe x1, USB 3.2 Gen1, USB 2.0) for optional LTE/5G module
Housing:	SUS304 stainless steel housing (standard), SUS316 stainless steel housing (optional)
Assembly:	VESA mount 100 x 100, Yoke Mount optional
Protection class:	IP66/IP69K
Dimensions (WxHxD):	359.6 x 283.6 x 49 mm
Weight:	6,15 Kg
Ambient conditions:	Operation: Standard: -20 °C to 60 °C (ambient temperature with airflow and WT RAM/SSD), High Brightness: 0 °C to 50 °C (ambient temperature with airflow) Storage: -30 °C to +70 °C Humidity: 10% to 95%. @ 40°C., non-condensing
Certifications:	CE/FCC Class A
Operating systems:	Windows 10 IoT Enterprise 2021 LTSC or later Windows 11 (21H2) or later

Others:	TPM: Onboard TPM2.0 Watchdog Timer: 1~255 sec (system) Wake on LAN: Support WOL
Scope of delivery:	Device 1 x power supply unit
Customs tariff number:	84715000
Manufacturer:	Aplex Technology Inc.

Products Order no.

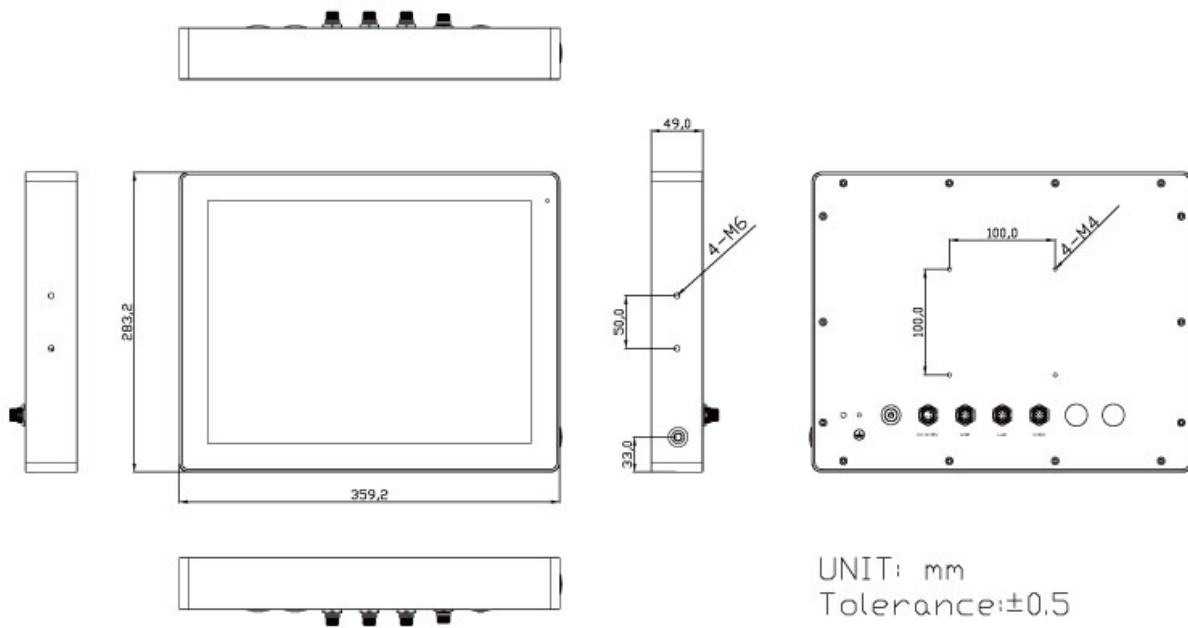
NuTAM-815CP	15" industrial panel PC, projected capacitive touch
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Accessories Order no.

KABM12ETH5	M12-A to RJ45, shielded, L=5m
KABM12ETH10	M12-A to RJ45, shielded, L=10m

Drawings

Dimensions (mm):





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